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PATENT & TRADEMARK OFFICE

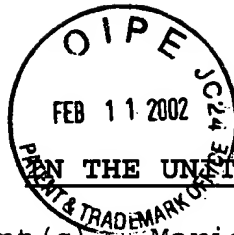# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Marie-Pierre Jolly

Serial No.:   09/970,552

Filed: October 4, 2001

Atty Dkt: 2001P18420US (8706-521)

Date: February 4, 2002

For: SYSTEM AND METHOD FOR SEGMENTING THE LEFT
                VENTRICLE IN A CARDIAC MR IMAGE

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Assistant Commissioner for Patents
Washington, D.C.   20231

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INFORMATION DISCLOSURE STATEMENT

SEP 1 7 2002

Sir:

Technology Center 2600

     Pursuant to Applicant(s) duty of disclosure, the
information listed in the attached form PTO-1449 is brought to
the attention of the Examiner.   Copies of the listed items are
enclosed.

     The citation of the listed items is not a
representation that they constitute a complete or exhaustive
listing of the relevant art or that the references are prior art.
The items listed are submitted in good faith, but are not
intended to substitute for the Examiner's search.   It is hoped,
however, that in addition to apprising the Examiner of these
particular items, they will assist in identifying fields of
search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. ' 1.56(b).

[X]   This information disclosure statement is being filed within three (3) months of the filing date of this application.

[X]   To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.

[X]   Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. ' 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 19-2179. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 19-2179 therefor. **A COPY OF THIS SHEET IS ENCLOSED.**

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

By: _Donald B. Paschburg_
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Reg. No. 33,753
Attorney for Applicant

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE OFFICE PATENT AND TRADEMARK INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 2001P18420US (8706-521)	SERIAL NO. 09/970,552
	APPLICANT : Marie-Pierre Jolly	
	FILING DATE: October 4, 2001	GROUP Art Unit

(stamp: OIPE FEB 11 2002 PATENT & TRADEMARK OFFICE)

U.S. PATENT DOCUMENT

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		1.	U.S. Patent Appln. Serial No. 09/741,580 filed December 20, 2000 entitled "Method for Learning=Based Object Detection in Cardiac Magnetic Resonance Images"
		2.	Marie-Pierre Jolly et al., "Segmentation of the Left Ventricle in Cardiac MR Images", Proc. ICCU, Vancouver, Canada 2001
		3.	Duta et al., "Learning-Based Object Detection in Cardiac MR Images", Proc. IEEE, Corfu, Greece, 1999, pp. 1210-1216
		4.	Geiger et al., "Dynamic Programming for Detecting, Tracking, and Matching Deformable Contours", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 17, No.3, March 1995
		5.	Fleagle et al., "Automated Identification of Left Ventricular Borders from Spin=Echo Magnetic Resonance Images", Investigative Radiology, April 1991, Vol. 26, pp. 295-303
		6.	Goshtasby et al., "Segmentation of Cardiac Cine MR Images for Extraction of Right and Left Ventricular Chambers", IEEE Transactions on Medical Imaging, Vol. 14, No. 1, March 1995, pp. 56-64
		7.	Weng et al., "Learning-Based Ventricle Detection from Cardiac MR and CT Images", IEEE Transactions on Medical Imaging, Vol. 16, No. 4, August 1997, pp. 378-391
		8.	Ramsey et al., "Curve Registration", J.R. Statistical Society, 1998, 60, Part 2, pp. 351-363
		9.	Mortensen et al., "Interactive Segmentation with Intelligent Scissors", Graphical Models and Imaging Processing 60, 1998, pp. 349-384
		10.	Xu et al., "On the Relationship between Parametric and Geometric Active Contours", Proc. 34th Asilomar Conference on Signals, Systems, and Computers, 2000, pp. 483-489

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])